

PATENT
Attorney Docket No.: EVG-018
(3741/30)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sachs
SERIAL NO.: 10/688,864 GROUP NO.: 1765
FILING DATE: October 17, 2003 EXAMINER: Not yet assigned
TITLE: Method and Apparatus for Crystal Growth

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 20th day of April, 2004.

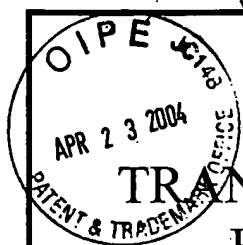
Nicole Deane
Nicole Deane

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

- 1.) Transmittal Form (1 pg.);
- 2.) Information Disclosure Statement (2 pgs.);
- 3.) Form PTO-1449 (1 pg.);
- 4.) Copies of documents cited as A1-A10, B1-B3 & C1-C2; and
- 5.) Return Receipt Postcard.



TRANSMITTAL FORM

Application Serial Number	10/688,864
Filing Date	October 17, 2003
First Named Inventor	Sachs
Group Art Unit	1765
Examiner Name	Not yet assigned
Attorney Docket No.	EVG-018
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

- | | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form

<input type="checkbox"/> Amendment/Response
<input type="checkbox"/> Preliminary
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]

<input type="checkbox"/> Petition for Extension of Time

<input checked="" type="checkbox"/> Information Disclosure Statement
<input checked="" type="checkbox"/> Form PTO-1449
<input checked="" type="checkbox"/> Copies of 1449 Citations (A1-A10, B1-B3 & C1-C2)

<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Sequence Listing submission
<input type="checkbox"/> Paper Copy/CD
<input type="checkbox"/> Computer Readable Copy
<input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application

<input type="checkbox"/> Formal Drawing(s)

<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal

<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application

<input type="checkbox"/> Small Entity Statement

<input type="checkbox"/> CD(s) for large table or computer program

<input type="checkbox"/> Amendment After Allowance

<input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences

<input type="checkbox"/> Appeal Brief (in triplicate)

<input type="checkbox"/> Status Inquiry

<input checked="" type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8

<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8


<input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|---|---|---|

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
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Boston, MA 02110
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SIGNATURE BLOCK

Respectfully submitted,



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Date: April 20, 2004
Reg. No.: 44,381
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PATENT
Attorney Docket No.: EVG-018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sachs
SERIAL NO.: 10/688,864 GROUP NO.: 1765
FILING DATE: October 17, 2003 EXAMINER: Not yet assigned
TITLE: METHOD AND APPARATUS FOR CRYSTAL GROWTH

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**

- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

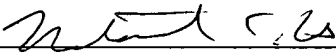
Applicants wish to inform the Examiner about the following co-pending patent application and office actions issued therein:

- 1) U.S. Serial No. 10/284,067, filed on 10/30/2002, by Wallace.

Respectfully submitted,

Date: April 26, 2004
Reg. No.: 44,381

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FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: EVG-018 APPLICANT: Sachs SERIAL NO.: 10/688,864 FILING DATE: October 17, 2003 GROUP: 1765			
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OFFICE
 APR 23 2004
 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
	A1	4,520,752	06/1985	Belouet					
	A2	4,554,203	11/1985	Grabmaier et al.					
	A3	4,594,229	06/1986	Ciszek et al.					
	A4	4,627,887	12/1986	Sachs					
	A5	4,661,200	04/1987	Sachs					
	A6	4,689,109	08/1987	Sachs					
	A7	6,090,199	07/2000	Wallace, Jr. et al.					
	A8	6,200,383 B1	03/2001	Wallace, Jr. et al.					
	A9	6,217,649 B1	04/2001	Wallace, Jr. et al.					
	A10	4,627,887	12/1986	Sachs					
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	37 36 341 A1	05/1989	DE			10/27/87	N	N
	B2	2 135 595 A	09/1984	GB			12/11/80	N	Y
	B3	WO01/04388 A2	01/2001	PCT			07/02/99	N	Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	Hoyler et al., "Fast Si Sheet Growth by the Horizontal Supported Web Technique," <u>Journal of Crystal Growth</u> Vol. 79, pp. 572-577 (1986).							
	C2	International Search Report for International Application No. PCT/US03/32851 dated April 7, 2004 (6 pgs.)							

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EXAMINER	DATE CONSIDERED
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